



PROVEN RELIABILITY



We invented the Petrol Driven Impact Wrench in the 1970's and since then have continually improved its quality and reliability to ensure our Master 35 Impact Wrench remains the best of its kind in the World.

The Master Wrench was specifically designed for use in a railway environment. It will remove/fit Chairscrews and Fishplate Nuts in under seven seconds and with our Safety Quick Release Auger Attachment can be easily converted into a Wooden Sleeper Drilling Machine.

FEATURES

- LOW** WEIGHT – Only 18.2 Kgs
- LOW** NOISE
- LOW** VIBRATION EXPOSURE
- LOW** EXHAUST EMISSION LEVELS
- LOW** FUEL CONSUMPTION
- LOW** MAINTENANCE COST
- LOW** FAST OPERATION



TECHNICAL SPECIFICATION

DIMENSIONS	Length 570mm	Height 280mm	Width 445mm	VIBRATION EXPOSURE GUIDE	Use of high quality materials, tight engineering tolerances and fast operation help to reduce vibration exposure to a manageable level.			
ENGINE	Emak 56 c.c. Two Stroke			Application	Vibration Level	Time to loosen/tighten seconds	Number of Fasteners to reach EU Levels	
FASTENER TYPE	Bolt	16 to 32mm diameter		Fishplate Nuts	m/s²		Action	Limit
	Rectangular	all sizes			11.2 to 11.6	3	430	1800
	Hexagon	up to 83mm			9.8 to 11.0	6/7	240	1000
	Square/Bi-Square	up to 67mm						
SQUARE DRIVE	Standard 1"			Chairscrews	Vibration exposure levels will vary depending on condition of Wrench, Anvil, Socket and fastener and health of operator.			
WORKING TORQUE	500 - 1800Nm approximately, adjusting using our five setting control knob. It is possible to achieve higher torques of up to 2,750Nm but this can only be achieved under special conditions. The Master will loosen any screwed fastener previously tightened by any other Petrol Driven Impact Wrench.			NOISE LEVELS	Data based on on-track practical trials conducted by Loughborough University in February 2008 Acoustic pressure (LpA) readings Idling 87 : dB(A) Acoustic power (LWA) according to ISO 3746 Idling 96 : dB(A) Under very extreme working conditions the machine can reach 103 & 118 : dB(A) respectively.			

To check for wear on Anvil and Sockets use our Master No Go Gauge



METAL CARRYING BOX

Strong Metal Carrying Box with full length hinged lid, lockfast fitting, twin carrying handles and anti-slip rubber base. Holds an Impact Wrench, Sockets, Augering Attachment, Auger Bits, Clips, Pins, Rings and Oil

Weight 11.7Kgs

Dimensions 590 x 455 x 296mm



AUGER ACCESSORIES

SAFETY QUICK RELEASE AUGERING ATTACHMENT

For European 9mm Hex and American 11mm Hex and Round Shank Kits

AUGER BITS Standard and Premium Quality
10 to 22mm da for drilling holes in all types of Wooden Railway Sleepers

Special shanks, shapes and lengths available on request



IMPACT ACCESSORIES

SOCKETS – STANDARD AND DEEP RAILWAY QUALITY

1" and 23mm SQUARE DRIVE

Bi-Square 7/8" to 2 1/4"

Rectangular all sizes

Hexagon 21 to 83mm

Square 19 to 28mm

EXTENSIONS 125 to 450mm

QUICK RELEASE ADAPTOR 1" to 23mm Square Drive

UNIVERSAL JOINTS, MAXI CLIPS, RUBBER RINGS, STEEL PINS

SPECIALS AVAILABLE ON REQUEST

For a free demonstration, quotation or more information on any of our products please contact :-

MAXIM

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